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RNase Inhibitor

RNase inhibitor is a protein which specifically inhibits ribonucleases. It applications such as in vitro translation, cDNA synthesis, RNA in vitro s RNA purifications, etc. RNase inhibitor is easier to use and to eliminate vanadylribonucleosides.

Source

human placenta

Unit Definition

One unit is the amount of protein required to inhibit the activity of 5 μ g ribonuclease A by 50 %. A minimal concentration of DTT (1 mM) is req maintain the activity. If less than 1 mM DTT is used, the RNase inhibitor irreversibly inactivated. The protein is denatured over 65°C.

Quality Control

Each batch checked for absence of RNases, nickases, exo- and endonu

Storage

Store at -20°C

References

Blackburn P (1979), J.Biol.Chem., 254, 12484.

Cat No.	Size
RNAI0001	1000 U
RNAI0002	10000 U

